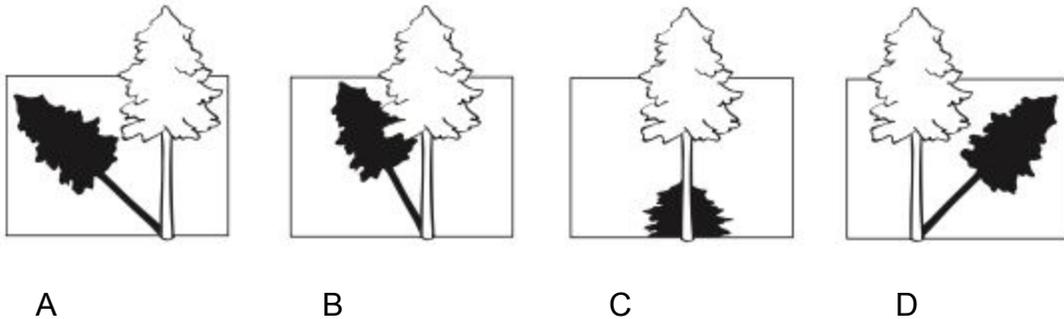


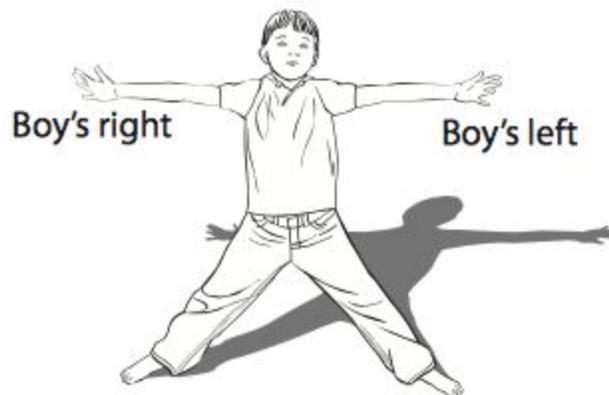
Investigation 1 Study Guide Sun, Moon, and Planets

1. The sun rises in the east.
2. The sun sets in the west.
3. Which picture was taken a midday (noon)?



The correct answer is C. Earth spins on a north-south axis. Night is the side of Earth in shadow. Earth is always half in shadow and half in light.

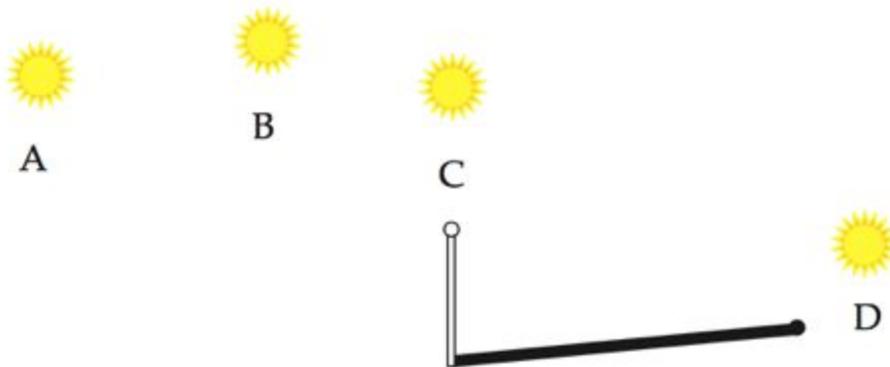
4. Look at this picture. Where is the sun?



The sun is in front of the boy and to the right.

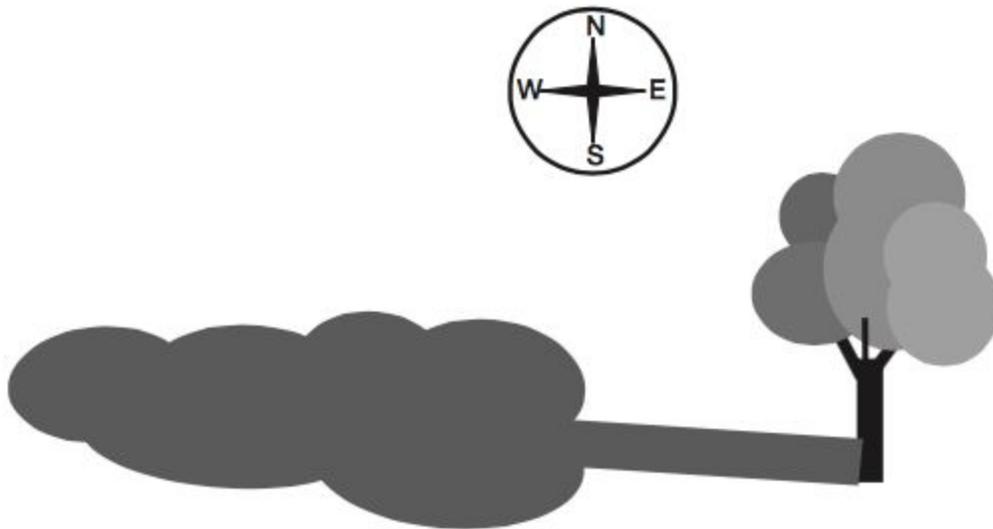
5. A shadow is a dark area made when the light is blocked by an object.

6. Look at the picture of a pole and its shadow. Which position shows the position of the sun?



The correct answer is A.

7. Look at the shadow. What time of day is it? (Use the compass rose to help. Remember, the sun rises in the east and the sun sets in the west.)

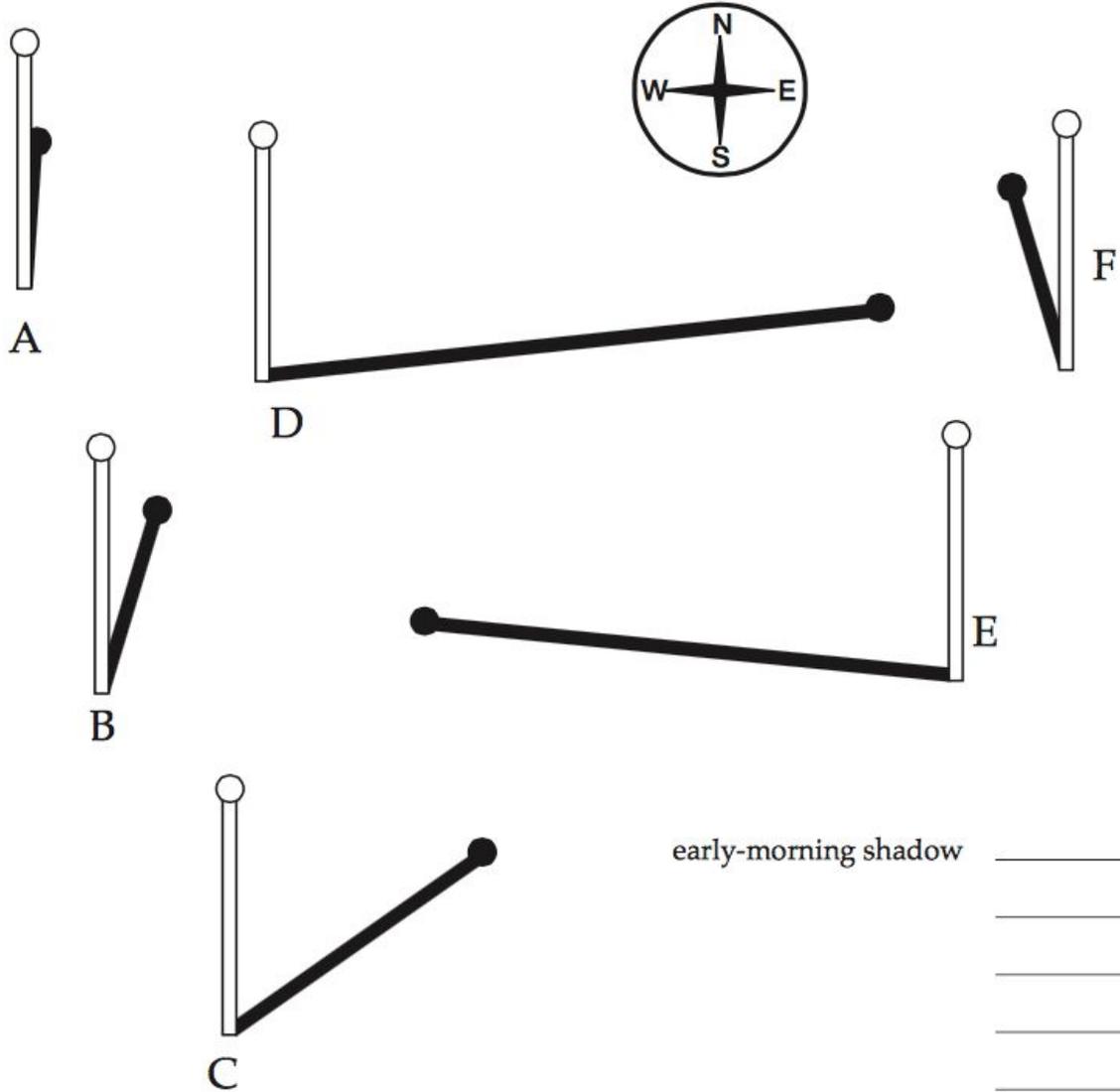


A. Sunrise B. Late morning C. Noon D. Sunset

The correct answer is A (sunrise). The sun rises in the east.

Challenge:

Below are the shadows of a flagpole at different times of the day. Put the shadows in order from early morning to late afternoon.



early-morning shadow _____

late-afternoon shadow _____
